

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

|                               |                             |
|-------------------------------|-----------------------------|
| Attorney Docket No:           | NEC 99641                   |
| First Named Inventor:         | Ishizaka et al              |
| Complete if known: Serial No: | Filing Date: March 14, 2000 |
| Group Art Unit:               | Examiner:                   |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled \_\_\_\_\_

☒ MAGNETIC SIGNAL TRANSMISSION LINE \_\_\_\_\_, the  
specification of which: ☒ is attached hereto or ☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S. 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

| <u>Prior Foreign Application(s):</u> |                           |   | <u>Priority Claimed</u>   | <u>Certified Copy Attached</u>                                      |
|--------------------------------------|---------------------------|---|---|---|
| <u>11-76373</u><br>(Number)          | <u>Japan</u><br>(Country) | <u>03/19/1999</u><br>(Month/Day/Year Filed) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <u>11-76389</u><br>(Number)          | <u>Japan</u><br>(Country) | <u>03/19/1999</u><br>(Month/Day/Year Filed) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application No: \_\_\_\_\_ Filing Date: \_\_\_\_\_

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

US Parent Application or PCT  
Parent Number

Parent Filing Date


Parent Patent Number  
(if applicable)

And I hereby appoint HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE, P.C., a firm composed of Oliver W. Hayes, Reg. No. 15,867; Norman P. Soloway, Reg. No. 24,315; William O. Hennessey, Reg. No. 32,032; Susan H. Hage, Reg. No. 29,646; Steven J. Grossman, Reg. No. 35,001; ~~Christopher K. Gagne, Reg. No. 36,142~~; and Edmund Paul Pfleger, Reg. No. 41,252, or any of them, of 175 Canal Street, Manchester, New Hampshire 03101 (Telephone: 603-668-1400) my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith.

Please direct all future correspondence in connection with this application to the attention of Norman P. Soloway HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE, P.C., 175 Canal Street, Manchester, New Hampshire 03101 (Telephone: 603-668-1400).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Satoshi ISHIZAKA

First Inventor's signature Satoshi Ishizaka  Date 08/03/2000

Residence: Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full name of second joint inventor: Kazuo NAKAMURA

Second Inventor's signature Kazuo Nakamura Date 08/03/2000

Residence: Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

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1-31-92

# RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Satoshi Ishizaka  
Kazuo Nakamura

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: NEC CORPORATION

Internal Address: \_\_\_\_\_

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Street Address: 7-1, Shiba 5-chome, Minato-ku

City: Tokyo State: JAPAN ZIP: 100

Execution Date: March 8, 2000

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 8, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Norman P. Soloway

Internal Address: \_\_\_\_\_

Street Address: HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE  
175 Canal Street

City: Manchester State: NH ZIP: 03101

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):..... \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

08-1391

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Norman P. Soloway  
Name of Person Signing

Norman P. Soloway  
Signature

March 14, 2000  
Date

Total number of pages comprising cover sheet

3

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we, Satoshi ISHIZAKA and Kazuo NAKAMURA

of Tokyo, Japan

having invented certain inventions and improvements in

MAGNETIC SIGNAL TRANSMISSION LINE

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on the 8th day of March 2000, ~~19XX~~; the 8th day of March 2000, ~~19XX~~; the        day of       , 19  ; the        day of       , 19  ; and the        day of       , 19  , for good and valuable consideration, the receipt of which is hereby acknowledged, from NEC CORPORATION, a Japanese corporation having its principal place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-01, Japan (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications, and any patent which may be issued on the said invention in the United States of America.


And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.


And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or First

Inventor's signature Satoshi Ishizaka  Date 08/03/2000  
Full name (typed or printed) Satoshi ISHIZAKA

Witness: Fumitake Watanabe Witness: [Signature]  
Date: 08/03/2000 Date: 08/03/2000

Second Inventor's  
signature Kazuo Nakamura  Date 08/03/2000  
Full name (typed or printed) Kazuo NAKAMURA

Witness: Fumitake Watanabe Witness: [Signature]  
Date: 08/03/2000 Date: 08/03/2000

Third Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name (typed or printed) \_\_\_\_\_

Witness: \_\_\_\_\_ Witness: \_\_\_\_\_  
Date: \_\_\_\_\_ Date: \_\_\_\_\_